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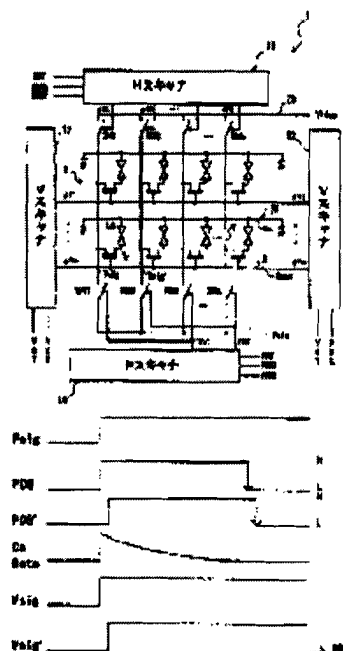
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(54) ACTIVE MATRIX DISPLAY DEVICE AND ITS DRIVING METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an active matrix display device and its driving method in which voltage of pre-charge signals charged and discharged to/from each signal line can be uniformalized even if phases of pre-charge signals are deviated.

SOLUTION: In an active matrix display device, pre-charge pulses PCG, PCG' are outputted from a pre-charge circuit 14, when a pre-charge signal Psig is supplied to a corresponding signal line Y, such so-called 'fluctuation' phenomenon is caused that voltage Gate of a gate line X and voltage Cs of an opposed electrode line 25 are once boosted, after that, voltage is attenuated gradually. As pulse width of pre-charge pulses PCG, PCG' are set fully longer than an attenuation time of the 'fluctuation' phenomenon, even if deviation of phases of pre-charge pulses PCG, PCG' occurs, as the voltage Gate and voltage Cs the opposed electrode line 25 are fully attenuated at the last, voltage Vsig, Vsig' of each signal line Y pre-charged are equalized to voltage of the pre-charge signal Psig.



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